



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/475,563	12/30/1999	DAVID P. WILLIAMS	RA-5281	6509

7590 03/03/2003

UNISYS CORPORATION  
CHARLES A JOHNSON  
POST OFFICE BOX 64942  
MS 4773  
ST PAUL, MN 551640942

EXAMINER	
KHATRI, ANIL	
ART UNIT	PAPER NUMBER
2122	

DATE MAILED: 03/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/475,563

Applicant(s)

WILLIAMS, DAVID P.

Examiner

Anil Khatri

Art Unit

2122

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 30 December 1999.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) 1-9, 14-18, 20, 25-29 and 31-34 is/are rejected.
- 7) ☐ Claim(s) 10-13, 19, 21-24 and 30 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_                      6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9, 14-18, 20, 25-29 and 31-34 are rejected under 35 U.S.C. 102(b) as being anticipated by *Torii et al* US Patent no. 5,355,479.

#### **Regarding claim 1**

*Torii et al* teaches,

- controllably designating one of plurality of information storage modes wherein each of the information storage modes identifies a different set of information from the plurality of logical segments to be stored (see figures 1-5)
- controllably designating at least one of plurality of data collection periods defining temporal windows in which storage of the designated set of information is enabled (see abstract and figures 1-5); and

storing the designated set of information identified by the designated information storage mode only during the designated data collection period (see abstract and figures 1-5).

#### **Regarding claim 2**

*Torii et al* teaches,

- controllably designating an information retrieval mode wherein retrieval of the stored set of information is enabled in response time (see figure 23, column 20, lines 25-40, "the judging unit... step 238").

**Regarding claim 3**

Rejection of claim 1 is incorporated and further claim recites limitation as in claim 2, therefore, claim 3 is rejected under same rational as claim 2.

**Regarding claim 4**

*Torii et al* teaches,

- controllably designating at least one of plurality of data collection periods comprises controllably designating a data collection commencement event wherein the data collection period commence upon recognition of the data collection commencement event (column 14, lines 52-61, "if the check... as necessary").

**Regarding claim 5**

*Torii et al* teaches,

- controllably designating at least one of plurality of data collection periods comprises controllably designating a data collection termination event wherein the data collection period terminates upon recognition of the data collection termination event ((column 14, lines 52-61, "if the check... as necessary").

**Regarding claim 6**

*Torii et al* teaches,

Art Unit: 2122

- dynamically reconfiguring the information storage modes to designate a different set of information from a different one of the plurality of logical segments to be stored (see figures 15, 16, 17 and 20).

**Regarding claim 8**

Rejection of claim 1 is incorporated and further claim recites combined limitation as in claims 1, 5-7, therefore, claim 8 is rejected under same rational as claims 1 and 5-7.

**Regarding claim 9**

*Torii et al* teaches,

- a memory for storing the operational information associated with the functional module (see abstract);
- a dynamically configurable write mode selection module coupled to a control interface to receive one of a plurality of selectable write mode identifiers and to enables selected subsets of the operational information to be stored in the memory in response to the received write mode identifier (see figures 18-19);  
and
- a dynamically configurable timing control module coupled to a control interface to receive one of a plurality of collection initiation identifiers and one of plurality of collection termination identifiers to enables storing of the selected subset of operational information into the memory upon activation of an initiation event corresponding to the received collection initiation identifiers and to terminate storing of he selected subset of operational information into the memory upon

activation of a termination event corresponding to the received collection  
termination identifier (see figures 18-19).

**Regarding claim 14**

*Torii et al* teaches,

- means for enabling the selected subset of the operational information to be stored in the memory if the subset of operational information is received from a predetermined one or more of the functional modules (see figure 1, column 5, lines 1-17, " here A B representation... is included in B").

**Regarding claim 15**

Rejection of claim 9 is incorporated and further claim recites combined limitation as in claims 4, 5 and 8, therefore, claim 15 is rejected under same rational as claims 4, 5 and 8.

**Regarding claim 16**

*Torii et al* teaches,

- a data interface coupled to receive the operational information from the functional modules (column 6, lines 63-67, " the conformance of the interface... among the set"); and
- a multiplexing module coupled to the data interface to exclude the operational information external to the selected subset of operational information identified by the selectable write mode identifiers (column 6, lines 63-67, " the conformance of the interface... among the set").

**Regarding claim 17**

Art Unit: 2122

Rejection of claim 9 is incorporated and further claim recites limitation as in claim 16 therefore, claim 17 is rejected under same rational as claim 16.

**Regarding claim 18**

*Torii et al* teaches,

- a dynamically configurable read mode selection module coupled to the control interface to receive a selectable read mode identifier and to enable the selected subset of operational information stored in the memory to be accessed (see figure 1, column 6, lines 23-30, " pursuant to the..Identification data").

**Regarding claim 20**

Rejection of claim 9 is incorporated and further claim recites combined limitation as in claims 16-18 therefore, claim 20 is rejected under same rational as claims 16-18.

**Regarding claim 25**

Rejection of claim 1 is incorporated and further claim recites combined limitation as in claim 1 therefore, claim 25 is rejected under same rational as claim 1.

**Regarding claim 26**

Rejection of claim 25 is incorporated and further claim recites limitation as in claim 18 therefore, claim 26 is rejected under same rational as claim 18.

**Regarding claim 27**

Rejection of claim 25 is incorporated and further claim recites limitation as in claim 3 therefore, claim 27 is rejected under same rational as claim 3.

**Regarding claim 28**

Art Unit: 2122

Rejection of claim 25 is incorporated and further claim recites limitation as in claim 3 therefore, claim 28 is rejected under same rational as claim 3.

**Regarding claim 29**

*Torii et al* teaches,

- reconfiguring the designated information storage mode to designate another of the plurality of information storage modes (see figures 1-5).

**Regarding claims 31-34**

Rejection of claim 25 is incorporated and further claim recites limitation as in claims 4 and 5 therefore, claims 31-34 is rejected under same rational as claims 4 and 5.

***Allowable Subject Matter***

Claims 10-13, 19, 21-24 and 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Miller USPN 6438512
- Chen et al USPN 6327700
- Torres et al USPN 5897635
- Shum et al USPN 5835770
- Kaler et al USPN 6467052
- Malek et al USPN 5809540



Art Unit: 2122

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anil Khatri, Primary Examiner whose telephone number is 703-305-0282. The examiner can normally be reached on M-F 8:30-5:00 PM.

February 25, 2003



ANIL KHATRI  
PRIMARY EXAMINER